INDEX

Adrian, R. J. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Anderson, D. M. & Davis, S. H. Local fluid and heat flow near contact lines, 231–265

Azaiez, J. & Homsy, G. M. Linear stability of free shear flow of viscoelastic liquids, 37–69

Bolton, E. W. & Maurer, J. A new roll-type instability in an oscillating fluid plane, 293–313

Chang, C.-L. *See* Malik, Li & Chang

Davis, S. H. *See* Anderson & Davis

Eggels, J. G. M., Unger, F., Weiss, M. H., Westerweel, J., Adrian, R. J., Friedrich, R. & Nieuwstadt, F. T. M. Fully developed turbulent pipe flow: a comparison between direct numerical simulation and experiment, 175–209

Friedrich, R. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Ganatos, P. *See* Hsu & Ganatos

Hall, P. On the instability of the flow in an oscillating tank of fluid, 315–331

Hamadiche, M., Scott, J. & Jeandel, D. Temporal stability of Jeffrey–Hamel flow, 71–88

Hesthaven, J. S. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Hinch, E. J. Long-wave instability of a free shear layer of an Oldroyd-B fluid. Appendix to Azaiez & Homsy, 64–68

Homsy, G. M. *See* Azaiez & Homsy

Hsu, R. & Ganatos, P. Gravitational and zero-drag motion of a spheroid adjacent to an inclined plane at low Reynolds number, 267–292

Ishigaki, H. Analogy between laminar flows in curved pipes and orthogonally rotating pipes, 133–145

Jeandel, D. *See* Hamadiche, Scott & Jeandel

King, A. C. & Needham, D. J. The initial development of a jet caused by fluid, body and free-surface interaction. Part 1. A uniformly accelerating plate, 89–101

Li, F. *See* Malik, Li & Chang

Lynov, J. P. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Malik, M. R., Li, F. & Chang, C.-L. Crossflow disturbances in three-dimensional boundary layers: nonlinear development, wave interaction and secondary instability, 1–36

Maurer, J. *See* Bolton & Maurer

Needham, D. J. *See* King & Needham

Nieuwstadt, F. T. M. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Rasmussen, J. J. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Saddoughi, S. G. & Veeravalli, S. V. Local isotropy in turbulent boundary layers at high Reynolds number, 333–372

Scott, J. *See* Hamadiche, Scott & Jeandel

Smith, F. T. *See* Vickers & Smith

Sutyrin, G. G., Hesthaven, J. S., Lynov, J. P. & Rasmussen, J. J. Dynamical properties of vortical structures on the beta-plane, 103–131

Unger, F. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

INDEX

Adrian, R. J. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Anderson, D. M. & Davis, S. H. Local fluid and heat flow near contact lines, 231–265

Azaiez, J. & Homsy, G. M. Linear stability of free shear flow of viscoelastic liquids, 37–69

Bolton, E. W. & Maurer, J. A new roll-type instability in an oscillating fluid plane, 293–313

Chang, C.-L. *See* Malik, Li & Chang

Davis, S. H. *See* Anderson & Davis

Eggels, J. G. M., Unger, F., Weiss, M. H., Westerweel, J., Adrian, R. J., Friedrich, R. & Nieuwstadt, F. T. M. Fully developed turbulent pipe flow: a comparison between direct numerical simulation and experiment, 175–209

Friedrich, R. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Ganatos, P. *See* Hsu & Ganatos

Hall, P. On the instability of the flow in an oscillating tank of fluid, 315–331

Hamadiche, M., Scott, J. & Jeandel, D. Temporal stability of Jeffrey–Hamel flow, 71–88

Hesthaven, J. S. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Hinch, E. J. Long-wave instability of a free shear layer of an Oldroyd-B fluid. Appendix to Azaiez & Homsy, 64–68

Homsy, G. M. *See* Azaiez & Homsy

Hsu, R. & Ganatos, P. Gravitational and zero-drag motion of a spheroid adjacent to an inclined plane at low Reynolds number, 267–292

Ishigaki, H. Analogy between laminar flows in curved pipes and orthogonally rotating pipes, 133–145

Jeandel, D. *See* Hamadiche, Scott & Jeandel

King, A. C. & Needham, D. J. The initial development of a jet caused by fluid, body and free-surface interaction. Part 1. A uniformly accelerating plate, 89–101

Li, F. *See* Malik, Li & Chang

Lynov, J. P. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Malik, M. R., Li, F. & Chang, C.-L. Crossflow disturbances in three-dimensional boundary layers: nonlinear development, wave interaction and secondary instability, 1–36

Maurer, J. *See* Bolton & Maurer

Needham, D. J. *See* King & Needham

Nieuwstadt, F. T. M. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Rasmussen, J. J. *See* Sutyrin, Hesthaven, Lynov & Rasmussen

Saddoughi, S. G. & Veeravalli, S. V. Local isotropy in turbulent boundary layers at high Reynolds number, 333–372

Scott, J. *See* Hamadiche, Scott & Jeandel

Smith, F. T. *See* Vickers & Smith

Sutyrin, G. G., Hesthaven, J. S., Lynov, J. P. & Rasmussen, J. J. Dynamical properties of vortical structures on the beta-plane, 103–131

Unger, F. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Veeravalli, S. V. *See* Saddoughi & Veeravalli

Vickers, I. P. & Smith, F. T. Theory and computations for breakup of unsteady subsonic or supersonic separating flows, 147–173

Weiss, M. H. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Westerweel, J. *See* Eggels, Unger, Weiss, Westerweel, Adrian, Friedrich & Nieuwstadt

Zhang, K. On coupling between the Poincaré equation and the heat equation, 211–229